

**Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2000, Wisconsin**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum											Nuclear Electric Power	Hydro-electric Power <sup>e</sup>	Wood and Waste <sup>a</sup>	Other <sup>a,f</sup>	Net Interstate Flow of Electricity/Losses <sup>g</sup>	
			Asphalt & Road Oil <sup>a</sup>	Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a,c</sup>	Lubricants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Other <sup>a,d</sup>	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Million kWh		Other <sup>a,f</sup>	Million kWh	Total <sup>h</sup>	
1960	R 12,735	91	2,847	427	21,750	245	2,964	4,258	872	33,125	4,394	530	71,412	0	2,399	—	—	-185	—
1965	R 14,528	200	2,806	636	23,508	629	1,249	5,246	898	36,295	3,209	1,240	75,716	0	2,131	—	—	1,343	—
1970	R 16,898	338	4,671	332	25,841	1,603	3,002	7,679	992	45,483	2,936	1,539	94,078	157	1,904	—	—	-1,922	—
1975	R 12,733	365	3,019	173	26,561	2,206	974	8,448	923	51,548	2,106	1,979	97,936	10,293	2,037	—	—	-1,338	—
1980	R 15,644	352	3,016	124	22,495	2,397	222	6,036	1,019	49,606	1,772	2,051	88,738	9,911	2,115	—	—	4,498	—
1985	R 18,034	308	1,690	102	22,605	1,663	234	5,377	927	46,557	402	2,371	81,929	10,979	2,546	—	—	R 19,008	—
1990	R 20,122	309	3,685	122	23,051	1,424	48	6,664	1,044	48,989	1,125	2,099	88,249	11,226	Ri 2,014	—	—	R 12,340	—
1991	R 20,659	332	3,332	105	23,013	1,352	49	8,471	934	49,898	851	2,828	90,832	10,991	R 2,517	—	—	R 12,776	—
1992	R 20,096	332	3,105	121	22,753	1,721	51	7,780	952	50,285	854	3,138	90,760	11,207	R 2,402	—	—	R 12,652	—
1993	R 20,922	348	3,253	119	24,475	1,912	76	8,626	969	51,634	1,264	3,173	95,502	11,465	R 2,487	—	—	R 14,983	—
1994	R 21,813	356	3,521	285	26,029	1,975	58	8,957	1,013	53,048	1,287	3,188	99,361	11,516	R 2,228	—	—	R 16,165	—
1995	R 23,151	380	4,154	374	24,949	2,044	59	8,753	996	55,053	842	3,017	100,240	10,970	R 2,378	—	—	R 18,898	—
1996	R 24,076	403	4,126	367	25,534	1,530	73	11,139	966	56,313	1,037	13,418	114,503	10,121	R 2,811	—	—	R 17,945	—
1997	R 25,491	401	5,155	486	26,131	1,949	67	9,935	1,021	55,696	1,087	14,518	116,045	3,916	R 3,037	—	—	R 27,084	—
1998	R 24,742	360	6,012	454	25,737	1,864	65	8,461	1,069	58,740	980	14,565	117,946	9,397	R 2,301	—	—	R 21,783	—
1999	R 25,276	374	6,192	134	28,290	3,407	117	11,009	1,080	58,976	1,212	14,755	125,170	11,495	2,238	—	—	R 14,111	—
2000	R 25,929	392	5,783	112	29,722	3,139	67	11,129	1,064	58,194	1,347	14,395	124,951	11,512	2,228	—	—	-2,884	—
Trillion Btu																			
1960	R 304.6	93.8	18.9	2.2	126.7	1.3	16.8	17.1	5.3	174.0	27.6	3.1	393.0	0.0	25.8	39.2	0.0	-0.6	R 855.7
1965	347.9	204.1	18.6	3.2	136.9	3.5	7.1	21.0	5.4	190.7	20.2	6.9	413.5	0.0	22.3	39.4	0.0	4.6	1,031.8
1970	381.6	344.2	31.0	1.7	150.5	9.0	17.0	29.0	6.0	238.9	18.5	8.8	510.5	1.7	20.0	38.3	0.0	-6.6	1,289.8
1975	272.0	372.1	20.0	0.9	154.7	12.5	5.5	31.4	5.6	270.8	13.2	11.2	525.8	113.4	21.2	44.9	0.0	-4.6	1,344.8
1980	327.3	354.7	20.0	0.6	131.0	13.5	1.3	22.2	6.2	260.6	11.1	11.5	478.0	108.1	22.0	163.8	0.0	15.3	1,469.2
1985	R 360.7	311.4	11.2	0.5	131.7	9.3	1.3	19.4	5.6	244.6	2.5	13.1	439.3	R 116.6	26.6	188.6	(s)	R 64.9	R 1,508.1
1990	R 397.8	310.9	24.5	0.6	134.3	8.0	0.3	24.2	6.3	257.3	7.1	11.7	474.2	R 118.8	i 21.0	R 100.2	i 0.3	R 42.1	R 1,465.3
1991	R 407.9	333.8	22.1	0.5	134.1	7.6	0.3	30.6	5.7	262.1	5.3	15.6	483.9	R 115.2	26.3	R 90.9	0.3	R 43.6	R 1,501.9
1992	R 399.9	334.6	20.6	0.6	132.5	9.7	0.3	28.2	5.8	264.1	5.4	17.3	484.5	R 117.4	R 24.8	R 92.5	0.3	43.2	R 1,497.1
1993	R 406.5	351.8	21.6	0.6	142.6	10.8	0.4	31.1	5.9	271.2	7.9	17.5	509.6	R 120.4	R 25.6	R 87.1	0.3	51.1	R 1,552.7
1994	R 428.2	359.9	23.4	1.4	151.6	11.1	0.3	32.6	6.1	277.4	8.1	17.6	529.8	R 120.4	R 23.0	R 92.3	0.3	R 55.2	R 1,608.9
1995	R 445.2	384.7	27.6	1.9	145.3	11.6	0.3	31.7	6.0	287.1	5.3	16.7	533.5	R 115.3	R 24.5	R 95.6	0.3	R 64.5	R 1,663.6
1996	R 454.3	408.0	27.4	1.9	148.7	8.7	0.4	40.2	5.9	293.7	6.5	72.4	605.8	R 106.3	R 29.1	R 109.3	0.3	R 61.2	R 1,774.9
1997	R 488.4	405.0	34.2	2.5	152.2	11.1	0.4	35.9	6.2	290.3	6.8	78.8	618.4	R 41.1	R 31.0	R 106.9	0.3	R 92.4	R 1,786.9
1998	R 470.7	363.9	39.9	2.3	149.9	10.6	0.4	30.6	6.5	306.2	6.2	79.1	631.5	R 98.6	R 23.5	R 100.0	0.4	R 74.3	R 1,765.4
1999	R 471.9	378.5	41.1	0.7	164.8	19.3	0.7	39.8	6.5	307.3	7.6	79.7	667.5	R 120.1	R 22.9	R 102.9	0.4	R 48.1	R 1,813.8
2000	499.2	396.0	38.4	0.6	173.1	17.8	0.4	40.1	6.5	303.2	8.5	77.5	666.0	120.1	22.7	103.9	0.4	-9.8	1,799.7

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in the Technical Notes, Section 4, "Other Petroleum Products."

<sup>e</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>f</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Section 5 of the Technical Notes for an explanation of estimation methodology.

<sup>g</sup> Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number indicates

that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

<sup>h</sup> From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources (shown in the Technical Notes Table TN8) is included in the total but not in any other columns.

<sup>i</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

kWh=Kilowatthours. R=Revised data. —=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 8. Residential Energy Consumption Estimates, Selected Years, 1960-2000, Wisconsin

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Wood <sup>a</sup>	Geothermal	Solar <sup>d</sup>	Electricity <sup>a</sup>	Electrical System Energy Losses <sup>e</sup>	Total	
			Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a,c</sup>	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords	Geothermal	Solar <sup>d</sup>	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 1,622	47	11,206	1,227	2,675	15,107	974	—	—	5,298	—	13,178	—
1965	R 1,153	79	11,790	660	3,692	16,142	744	—	—	6,963	—	16,624	—
1970	R 724	105	11,721	1,608	5,606	18,935	595	—	—	9,825	—	23,810	—
1975	R 173	120	11,019	530	5,405	16,953	587	—	—	11,782	—	28,420	—
1980	R 11	123	8,155	124	2,983	11,261	1,029	—	—	13,597	—	33,063	—
1985	R 5	116	6,423	195	3,045	9,663	1,033	—	—	16,307	—	R 38,161	—
1990	R 1	114	4,634	29	4,187	8,851	734	—	—	16,385	—	R 35,744	—
1991	R 2	124	5,128	30	5,241	10,399	773	—	—	17,349	—	R 37,426	—
1992	R 1	123	4,753	29	4,950	9,732	813	—	—	16,615	—	R 35,208	—
1993	R 6	130	5,132	47	5,575	10,754	421	—	—	17,373	—	R 36,501	—
1994	R 8	128	4,799	34	5,479	10,311	413	—	—	17,660	—	R 36,601	—
1995	R 17	136	3,955	34	5,560	9,549	458	—	—	18,635	—	R 38,668	—
1996	R 13	148	3,922	41	7,463	11,426	457	—	—	18,685	—	R 38,796	—
1997	R 18	136	3,431	44	6,596	10,071	275	—	—	18,510	—	R 38,270	—
1998	R 14	116	2,759	39	5,926	8,725	R 249	—	—	19,087	—	R 39,191	—
1999	R 19	128	2,951	61	6,995	10,006	R 266	—	—	19,502	—	R 37,925	—
2000	18	135	2,981	45	6,589	9,616	279	—	—	19,929	—	34,170	—
<b>Trillion Btu</b>													
1960	R 35.6	49.1	65.3	7.0	10.7	83.0	19.5	0.0	0.0	18.1	R 205.1	45.0	R 250.1
1965	R 25.1	80.9	68.7	3.7	14.8	87.2	14.9	0.0	0.0	23.8	R 231.9	56.7	R 288.6
1970	R 15.3	107.2	68.3	9.1	21.2	98.6	11.9	0.0	0.0	33.5	R 266.5	81.2	R 347.7
1975	R 3.3	122.4	64.2	3.0	20.1	87.3	11.7	0.0	0.0	40.2	R 264.9	97.0	R 361.9
1980	R 0.3	124.2	47.5	0.7	11.0	59.2	20.6	0.0	0.0	46.4	R 250.6	112.8	R 363.4
1985	R 0.1	117.4	37.4	1.1	11.0	49.5	20.7	0.0	0.0	55.6	R 243.3	R 130.2	R 373.5
1990	(s)	114.7	27.0	0.2	15.2	42.3	14.7	f 0.1	f 0.2	55.9	f 228.0	R 122.0	R 349.9
1991	(s)	124.9	29.9	0.2	18.9	49.0	15.5	0.1	0.2	59.2	R 248.9	R 127.7	R 376.6
1992	(s)	124.5	27.7	0.2	17.9	45.8	16.3	0.1	0.2	56.7	243.6	R 120.1	R 363.7
1993	R 0.2	131.6	29.9	0.3	20.1	50.3	8.4	0.1	0.2	59.3	R 250.0	R 124.5	R 374.5
1994	R 0.2	129.7	28.0	0.2	19.9	48.1	8.3	0.1	0.2	60.3	R 246.8	R 124.9	R 371.7
1995	R 0.4	137.5	23.0	0.2	20.1	43.4	9.2	0.1	0.2	63.6	R 254.4	R 131.9	R 386.3
1996	R 0.3	149.8	22.8	0.2	27.0	50.0	9.1	0.1	0.2	63.8	R 273.4	R 132.4	R 405.8
1997	R 0.4	137.3	20.0	0.3	23.8	44.1	5.5	0.1	0.2	63.2	R 250.9	R 130.6	R 381.4
1998	R 0.4	117.2	16.1	0.2	21.4	37.7	R 5.0	0.1	0.2	65.1	R 225.7	R 133.7	R 359.4
1999	R 0.5	129.1	17.2	0.3	25.3	42.8	R 5.3	0.1	0.2	66.5	R 244.7	R 129.4	R 374.1
2000	0.5	136.4	17.4	0.3	23.8	41.4	5.6	0.1	0.2	68.0	252.2	116.6	368.8

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Includes small amounts of solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Section 5 of the the Technical Notes for an explanation of estimation methodology.

<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 9. Commercial Energy Consumption Estimates, Selected Years, 1960-2000, Wisconsin

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum					Wood <sup>a</sup>	Electricity <sup>a</sup>	Electrical System Energy Losses <sup>d</sup>	Total <sup>e</sup>		
			Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a,c</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels					Thousand Cords	Geothermal	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 1,127	11	1,817	101	472	295	556	3,239	18	—	3,059	—	7,608
1965	R 870	24	1,911	54	652	309	407	3,332	14	—	4,160	—	9,933
1970	R 569	55	1,900	132	989	56	244	3,321	11	—	6,180	—	14,975
1975	R 404	67	1,786	43	954	52	168	3,004	11	—	8,342	—	20,121
1980	R 40	77	1,682	57	526	76	30	2,371	25	—	10,019	—	24,363
1985	R 21	73	3,172	18	537	283	106	4,117	28	—	12,087	—	R 28,286
1990	R 4	66	1,832	9	739	320	220	3,118	R 49	—	13,408	—	R 29,249
1991	R 8	72	1,960	9	925	247	179	3,319	R 52	—	13,997	—	R 30,195
1992	R 4	71	1,551	10	873	212	231	2,878	R 55	—	13,929	—	R 29,517
1993	R 30	77	1,547	11	984	50	197	2,789	R 35	—	14,373	—	R 30,196
1994	R 44	79	1,306	8	967	89	167	2,536	35	—	15,037	—	R 31,165
1995	R 113	85	1,062	10	981	51	110	2,214	35	—	15,642	—	R 32,457
1996	R 93	94	991	12	1,317	80	133	2,533	R 39	—	16,188	—	R 33,611
1997	R 144	89	1,332	7	1,164	51	135	2,688	R 31	—	16,480	—	R 34,072
1998	R 114	81	1,364	10	1,046	52	249	2,721	R 31	—	16,934	—	R 34,769
1999	R 138	82	1,318	7	1,234	85	201	2,845	R 34	—	18,381	—	R 35,746
2000	144	81	1,324	10	1,163	79	219	2,794	34	—	19,055	—	32,671
<b>Trillion Btu</b>													
1960	R 24.7	11.3	10.6	0.6	1.9	1.5	3.5	18.1	0.4	0.0	10.4	R 64.9	26.0
1965	R 19.0	24.0	11.1	0.3	2.6	1.6	2.6	18.2	0.3	0.0	14.2	R 75.6	33.9
1970	R 12.0	55.6	11.1	0.7	3.7	0.3	1.5	17.4	0.2	0.0	21.1	R 106.3	51.1
1975	R 7.7	68.9	10.4	0.2	3.5	0.3	1.1	15.5	0.2	0.0	28.5	R 120.7	68.7
1980	R 1.0	77.7	9.8	0.3	1.9	0.4	0.2	12.6	0.5	0.0	34.2	R 126.0	83.1
1985	R 0.5	73.5	18.5	0.1	1.9	1.5	0.7	22.7	0.6	0.0	41.2	R 138.5	R 96.5
1990	0.1	66.7	10.7	(s)	2.7	1.7	1.4	16.5	R 1.0	f 0.0	45.7	f 130.0	R 99.8
1991	0.2	72.0	11.4	(s)	3.3	1.3	1.1	17.2	1.0	0.0	47.8	R 138.2	R 241.3
1992	0.1	72.0	9.0	0.1	3.2	1.1	1.5	14.8	1.1	0.0	47.5	R 135.5	R 100.7
1993	R 0.8	77.9	9.0	0.1	3.5	0.3	1.2	14.1	0.7	0.0	49.0	R 142.5	R 103.0
1994	R 1.1	79.6	7.6	(s)	3.5	0.5	1.0	12.7	0.7	0.0	51.3	R 145.3	R 106.3
1995	R 2.8	85.8	6.2	0.1	3.6	0.3	0.7	10.8	0.7	0.0	53.4	R 153.5	R 110.7
1996	R 2.3	95.0	5.8	0.1	4.8	0.4	0.8	11.9	R 0.8	0.0	55.2	R 165.2	R 114.7
1997	R 3.6	89.7	7.8	(s)	4.2	0.3	0.8	13.1	0.6	0.0	56.2	R 163.3	R 116.3
1998	R 2.8	82.2	7.9	0.1	3.8	0.3	1.6	13.6	0.6	0.0	57.8	R 157.1	R 118.6
1999	R 3.4	82.7	7.7	(s)	4.5	0.4	1.3	13.9	0.7	0.0	62.7	R 163.4	R 122.0
2000	4.0	81.9	7.7	0.1	4.2	0.4	1.4	13.7	0.7	0.0	65.0	165.4	111.5

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 10. Industrial Energy Consumption Estimates, Selected Years, 1960-2000, Wisconsin

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum										Hydro-electric Power <sup>a</sup>	Wood and Waste <sup>a</sup>	Other <sup>a,d</sup>	Total	Million kWh	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>f</sup>	
			Asphalt and Road Oil <sup>a</sup>	Distillate Fuel <sup>a</sup>	Kero-sene <sup>a</sup>	LPG <sup>a,c</sup>	Lubri-cants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Other <sup>a,d</sup>	Total	Million kWh									
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Other <sup>a,e</sup>	Total	Million kWh	Million kWh	Million kWh	Million kWh	Million kWh	Total
1960	4,710	30	2,847	6,950	1,636	1,088	345	2,774	3,416	530	19,585	338	—	—	4,230	—	10,520	—	—	—	
1965	5,789	82	2,806	7,654	535	866	405	2,541	2,371	1,240	18,419	306	—	—	6,153	—	14,691	—	—	—	
1970	5,147	141	4,671	7,917	1,262	1,009	440	2,471	1,554	1,299	20,623	306	—	—	8,570	—	20,767	—	—	—	
1975	2,439	152	3,019	7,150	401	1,996	426	2,027	1,105	1,942	18,065	318	—	—	10,823	—	26,106	—	—	—	
1980	2,364	130	3,016	3,589	41	2,444	497	1,633	1,439	2,043	14,701	258	—	—	13,290	—	32,317	—	—	—	
1985	2,132	115	1,690	3,074	21	1,611	452	1,137	158	2,348	10,492	258	—	—	17,195	—	R 40,238	—	—	—	
1990	R 1,985	122	3,685	3,596	11	1,619	508	780	9,903	2,099	13,201	R 9 223	—	—	19,405	—	R 42,332	—	—	—	
1991	1,878	129	3,332	4,103	10	2,166	455	997	672	2,828	14,562	R 247	—	—	19,686	—	R 42,466	—	—	—	
1992	R 1,860	130	3,105	4,181	12	1,836	464	816	614	3,096	14,124	R 278	—	—	20,382	—	R 43,191	—	—	—	
1993	R 1,836	134	3,253	4,779	19	1,916	472	825	1,056	3,063	15,383	R 296	—	—	21,410	—	R 44,983	—	—	—	
1994	R 2,065	135	3,521	5,040	16	2,217	494	914	1,109	3,027	16,337	R 314	—	—	22,714	—	R 47,076	—	—	—	
1995	R 2,034	146	4,154	4,443	15	2,089	485	934	710	2,873	15,703	R 281	—	—	23,690	—	R 49,157	—	—	—	
1996	R 1,735	150	4,126	4,787	20	2,253	471	921	872	13,285	26,734	R 294	—	—	23,871	—	R 49,564	—	—	—	
1997	1,761	156	5,155	4,888	15	2,077	497	914	940	14,340	28,827	R 301	—	—	25,103	—	R 51,901	—	—	—	
1998	R 1,711	142	6,012	4,521	16	1,312	521	669	717	14,383	28,151	R 230	—	—	26,040	—	R 53,466	—	—	—	
1999	R 1,669	146	6,192	6,339	49	2,727	526	753	1,003	14,554	32,144	251	—	—	25,665	—	R 49,910	—	—	—	
2000	1,715	160	5,783	8,235	12	3,332	518	780	1,120	14,203	33,983	241	—	—	26,162	—	44,856	—	—	—	
<b>Trillion Btu</b>																					
1960	116.6	30.8	18.9	40.5	9.3	4.4	2.1	14.6	21.5	3.1	114.2	3.6	19.3	0.0	14.4	299.0	35.9	334.9	—	—	—
1965	142.4	83.0	18.6	44.6	3.0	3.5	2.5	13.3	14.9	6.9	107.3	3.2	24.2	0.0	21.0	381.1	50.1	431.3	—	—	—
1970	119.6	143.6	31.0	46.1	7.2	3.8	2.7	13.0	9.8	7.3	120.8	3.2	26.1	0.0	29.2	442.6	70.9	513.4	—	—	—
1975	54.7	155.5	20.0	41.6	2.3	7.4	2.6	10.6	6.9	11.0	102.5	3.3	32.9	0.0	36.9	385.9	89.1	475.0	—	—	—
1980	54.6	130.6	20.0	20.9	0.2	9.0	3.0	8.6	9.0	11.4	82.2	2.7	142.1	0.0	45.3	457.4	110.3	567.7	—	—	—
1985	49.7	116.4	11.2	17.9	0.1	5.8	2.7	6.0	1.0	12.9	57.7	2.7	166.5	0.0	58.7	451.7	R 137.3	R 589.0	—	—	—
1990	R 48.0	122.6	24.5	20.9	0.1	5.9	3.1	4.1	5.7	11.7	75.9	R 9 2.3	R 82.8	9 0.0	66.2	R 9 397.8	R 144.4	R 9 542.3	—	—	—
1991	45.6	129.7	22.1	23.9	0.1	7.8	2.8	5.2	4.2	15.6	81.8	R 2.6	R 72.7	0.0	67.2	R 399.6	R 144.9	R 544.5	—	—	—
1992	R 45.2	131.4	20.6	24.4	0.1	6.7	2.8	4.3	3.9	17.0	79.7	R 2.9	R 73.6	0.0	69.5	R 402.3	R 147.4	R 549.7	—	—	—
1993	R 44.1	135.5	21.6	27.8	0.1	6.9	2.9	4.3	6.6	16.9	87.1	R 3.0	R 75.7	0.0	73.1	R 418.6	R 153.5	R 572.1	—	—	—
1994	R 50.1	136.7	23.4	29.4	0.1	8.1	3.0	4.8	7.0	16.7	92.3	3.2	R 80.6	0.0	77.5	R 440.4	R 160.6	R 601.1	—	—	—
1995	R 49.4	147.7	27.6	25.9	0.1	7.6	2.9	4.9	4.5	15.8	89.2	R 2.9	R 82.8	0.0	80.8	R 452.8	R 167.7	R 620.5	—	—	—
1996	R 41.6	151.5	27.4	27.9	0.1	8.1	2.9	4.8	5.5	71.6	148.2	3.0	R 96.1	0.0	81.4	R 521.9	R 169.1	R 691.0	—	—	—
1997	42.5	157.4	34.2	28.5	0.1	7.5	3.0	4.8	5.9	77.7	161.7	3.1	R 97.0	0.0	85.7	R 547.3	R 177.1	R 724.4	—	—	—
1998	R 41.6	143.5	39.9	26.3	0.1	4.7	3.2	3.5	4.5	78.0	160.2	R 2.3	R 89.9	0.0	88.8	R 526.4	R 182.4	R 708.8	—	—	—
1999	R 40.5	148.2	41.1	36.9	0.3	9.9	3.2	3.9	6.3	78.4	180.0	2.6	R 93.4	0.0	87.6	R 552.3	R 170.3	R 722.6	—	—	—
2000	40.7	161.4	38.4	48.0	0.1	12.0	3.1	4.1	7.0	76.4	189.1	2.5	94.9	0.0	89.3	577.8	153.0	730.9	—	—	—

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> "Other" is the subtotal of 16 petroleum products. See a full description in Section 4 of the Technical Notes "Other Petroleum Products."

<sup>e</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Section 5 of the Technical Notes for an explanation of estimation methodology.

<sup>f</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>g</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

kWh=Kilowatthours. —=Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 11. Transportation Energy Consumption Estimates, Selected Years, 1960-2000, Wisconsin

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum								Ethanol <sup>d</sup>	Electricity <sup>a</sup>	Electrical System Energy Losses <sup>e</sup>	Total <sup>d</sup>	
			Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	LPG <sup>a,c</sup>	Lubricants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Total					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Barrels	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 81	1	427	1,773	245	23	527	30,056	378	33,430	0	0	—	0	—
1965	19	2	636	2,148	629	36	493	33,446	378	37,765	0	0	—	0	—
1970	8	7	332	4,179	1,603	74	552	42,956	6	49,703	0	0	—	0	—
1975	(s)	5	173	6,064	2,169	93	497	49,469	285	58,751	0	0	—	0	—
1980	0	8	124	8,570	2,397	84	523	47,897	235	59,829	0	0	—	0	—
1985	0	3	102	9,685	1,663	184	476	45,136	138	57,383	f 28	0	—	0	—
1990	0	4	122	12,875	1,424	118	535	47,890	2	62,965	196	0	—	0	—
1991	0	4	105	11,676	1,352	139	479	48,655	(s)	62,406	489	0	—	0	—
1992	0	4	121	12,186	1,721	120	488	49,257	8	63,901	425	0	—	0	—
1993	0	4	119	12,895	1,912	151	497	50,759	11	66,344	356	0	—	0	—
1994	0	10	285	14,666	1,975	294	519	52,045	11	69,795	392	(s)	—	(s)	—
1995	0	4	374	15,296	2,044	123	511	54,068	22	72,438	861	(s)	—	(s)	—
1996	0	4	367	15,673	1,530	106	495	55,313	32	73,516	1,362	(s)	—	(s)	—
1997	0	5	486	16,216	1,949	99	523	54,731	12	74,017	1,594	(s)	—	(s)	—
1998	0	4	454	16,781	1,864	176	548	58,019	15	77,856	824	(s)	—	(s)	—
1999	0	4	134	17,342	3,407	52	554	58,138	8	79,633	697	(s)	—	(s)	—
2000	0	4	112	16,912	3,139	45	545	57,334	8	78,095	781	(s)	—	(s)	—
<b>Trillion Btu</b>															
1960	2.0	0.6	2.2	10.3	1.3	0.1	3.2	157.9	2.4	177.4	0.0	0.0	R 179.9	0.0	R 179.9
1965	0.5	1.6	3.2	12.5	3.5	0.1	3.0	175.7	2.4	200.4	0.0	0.0	202.5	0.0	202.5
1970	0.2	6.7	1.7	24.3	9.0	0.3	3.3	225.7	(s)	264.4	0.0	0.0	271.3	0.0	271.3
1975	(s)	5.1	0.9	35.3	12.3	0.3	3.0	259.9	1.8	313.5	0.0	0.0	318.5	0.0	318.5
1980	0.0	8.3	0.6	49.9	13.5	0.3	3.2	251.6	1.5	320.6	0.0	0.0	328.9	0.0	328.9
1985	0.0	2.8	0.5	56.4	9.3	0.7	2.9	237.1	0.9	307.8	f 0.1	0.0	f 310.6	0.0	f 310.6
1990	0.0	4.4	0.6	75.0	8.0	0.4	3.2	251.6	(s)	338.9	0.7	0.0	343.3	0.0	343.3
1991	0.0	4.5	0.5	68.0	7.6	0.5	2.9	255.6	(s)	335.1	1.7	0.0	339.6	0.0	339.6
1992	0.0	4.0	0.6	71.0	9.7	0.4	3.0	258.7	0.1	343.5	1.5	0.0	347.5	0.0	347.5
1993	0.0	3.7	0.6	75.1	10.8	0.5	3.0	266.6	0.1	356.7	1.3	0.0	360.4	0.0	360.4
1994	0.0	10.0	1.4	85.4	11.1	1.1	3.2	272.2	0.1	374.5	1.4	(s)	384.5	(s)	384.5
1995	0.0	4.3	1.9	89.1	11.6	0.4	3.1	282.0	0.1	388.2	3.0	(s)	392.5	(s)	392.5
1996	0.0	4.3	1.9	91.3	8.7	0.4	3.0	288.5	0.2	393.9	4.8	(s)	398.2	(s)	398.2
1997	0.0	4.7	2.5	94.5	11.1	0.4	3.2	285.3	0.1	396.9	5.6	(s)	401.5	(s)	401.5
1998	0.0	4.4	2.3	97.7	10.6	0.6	3.3	302.4	0.1	417.1	2.9	(s)	421.4	(s)	421.4
1999	0.0	4.2	0.7	101.0	19.3	0.2	3.4	303.0	(s)	427.6	2.5	(s)	431.8	(s)	431.8
2000	0.0	4.1	0.6	98.5	17.8	0.2	3.3	298.7	0.1	419.1	2.8	(s)	423.3	(s)	423.3

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

<sup>f</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 12. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-2000, Wisconsin

Year	Coal	Natural Gas <sup>a</sup>	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>e</sup>	Wood and Waste	Geothermal Energy	Other <sup>b,f</sup>	Total <sup>g</sup>
			Residual Fuel <sup>b,c</sup>	Distillate Fuel <sup>b,d</sup>	Petroleum Coke <sup>b</sup>	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	5,195	2	45	5	0	50	0	2,061	0	0	0	—
1965	6,697	14	53	6	0	59	0	1,825	2	0	0	—
1970	10,450	31	1,132	124	240	1,497	157	1,597	8	0	0	—
1975	9,716	20	548	578	37	1,163	10,293	1,719	0	0	0	—
1980	13,229	14	68	499	9	576	9,911	1,857	62	0	0	—
1985	15,876	1	0	251	24	274	10,979	2,288	88	0	(s)	—
1990	18,133	2	0	113	0	113	11,226	1,791	173	0	(s)	—
1991	18,771	3	0	147	0	147	10,991	2,270	157	0	(s)	—
1992	18,231	3	0	82	43	125	11,207	2,123	150	0	0	—
1993	19,049	3	0	123	110	233	11,465	2,191	220	0	0	—
1994	19,696	4	0	220	161	380	11,516	1,914	265	0	0	—
1995	20,987	9	0	194	144	337	10,970	2,097	285	0	0	—
1996	22,236	7	0	161	133	293	10,121	2,517	319	0	0	—
1997	23,568	16	0	263	178	441	3,916	2,736	372	0	0	—
1998	22,903	16	0	312	181	493	9,397	2,071	441	0	0	—
1999	23,450	14	0	341	201	542	11,495	1,988	343	0	0	—
2000	24,051	12	0	270	192	462	11,512	1,986	260	0	3	—
Trillion Btu												
1960	125.8	2.1	0.3	(s)	0.0	0.3	0.0	22.2	0.0	0.0	0.0	150.4
1965	161.0	14.7	0.3	(s)	0.0	0.4	0.0	19.1	(s)	0.0	0.0	195.1
1970	234.6	31.2	7.1	0.7	1.4	9.3	1.7	16.8	0.1	0.0	0.0	293.6
1975	206.3	20.3	3.4	3.4	0.2	7.0	113.4	17.9	0.0	0.0	0.0	364.8
1980	271.5	13.8	0.4	2.9	0.1	3.4	108.1	19.3	0.6	0.0	0.0	416.8
1985	310.3	1.3	0.0	1.5	0.1	1.6	R 116.6	23.9	0.9	0.0	(s)	R 454.7
1990	349.7	2.4	0.0	0.7	0.0	0.7	R 118.8	18.6	1.8	0.0	(s)	R 491.9
1991	362.0	2.7	0.0	0.9	0.0	0.9	R 115.2	23.7	1.6	0.0	(s)	R 506.1
1992	354.6	2.6	0.0	0.5	0.3	0.7	R 117.4	22.0	1.5	0.0	0.0	R 498.8
1993	361.5	3.1	0.0	0.7	0.7	1.4	R 120.4	22.6	2.3	0.0	0.0	R 511.3
1994	376.8	3.9	0.0	1.3	1.0	2.2	R 120.4	19.7	2.7	0.0	0.0	R 525.8
1995	392.5	9.4	0.0	1.1	0.9	2.0	R 115.3	21.6	2.9	0.0	0.0	R 543.7
1996	410.1	7.4	0.0	0.9	0.8	1.7	R 106.3	26.0	3.3	0.0	0.0	R 555.4
1997	441.9	15.9	0.0	1.5	1.1	2.6	R 41.1	R 27.9	R 3.8	0.0	0.0	R 536.5
1998	426.0	16.6	0.0	1.8	1.1	2.9	R 98.6	R 21.1	R 4.5	0.0	0.0	R 572.2
1999	427.5	14.2	0.0	2.0	1.2	3.2	R 120.1	R 20.3	3.5	0.0	0.0	R 590.3
2000	454.1	12.1	0.0	1.6	1.2	2.7	120.1	20.3	2.7	0.0	(s)	613.2

<sup>a</sup> Includes supplemental gaseous fuels.<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.<sup>c</sup> Prior to 1980, based on oil used in steam plants. Since 1980, residual fuel includes fuel oil nos. 4, 5, and 6 and residual fuel oils.<sup>d</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, distillate fuel includes fuel oil nos. 1 and 2, kerosene, and jet fuel.<sup>e</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.<sup>f</sup> "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.<sup>g</sup> If applicable, from 1989, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in Table TN8 in the Technical Notes.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.